Volume contents

Vol. 4, No. 1: Critical Care Aspects of Heart and Lung

Editorial	
O. Prakash	1
High dose nitrate therapy in patients with severe congestive heart failure: acute hemodynamic and Echo-	
Doppler effects	
C. Rusconi, P. Faggiano, T. Sabatini & G. Ghizzoni	3
A critical appraisal of the cardiac arrhythmia suppression trial (CAST)	
G.V. Naccarelli, A.H. Dougherty, D. Wolbrette & S. Wiggins	9
Evaluation and acute treatment of wide complex tachycardias	
G.V. Naccarelli, A.H. Dougherty & R.L. Rinkenberger	17
Surgical and catheter ablative techniques for treating supraventricular tachycardia	
G.V. Naccarelli, A.H. Dougherty, D.A. Ott & W.M. Jackman	27
Acute myocardial infarction - Seattle 1990	
W.D. Weaver	33
Prescribing sedatives and muscle relaxants in critical care practice	
P.D. Lumb	43
Nuclear medicine in ARDS: clinical applications	
M. Miniati, M. Pistolesi, S. Monti & C. Giuntini	55
Cardiopulmonary function following pulmonary embolism	
D.R. Dantzker	63
Carbon monoxide diffusion impairment and plasma protein permeability of the alveolar membrane in HIV-	
positive patients with Pneumocystis carinii pneumonitis	
A.F. Kuipers, R.P. van Steenwijk, H. Bouman, E.A. van de Graaf, T.A. Out & H.M. Jansen	71
Use of PEEP in management of life-threatening status asthmaticus: a method for the recovery of ap-	
propriate ventilation-perfusion ratio	
R. Broux, G. Foidart, P. Mendes, G. Saad, M. Faterni, V. D'Orio & R. Marcelle	79
Prevention of blood activation during and complications after cardiopulmonary bypass	
W. van Oeveren & Ch.R.H. Wildevuur	85
Vol. 4, No. 2: Acute Problems in Critical Care	
•	
The current status of epidural and intrathecal opioids in the management of acute pain	
N. Rawal	91
Recent advances in cardiopulmonary resuscitation	
M.H. Weil & R.J. Gazmuri	97
Shock: new developments in the management of shock	
M.H. Weil & R.J. Gazmuri	103
The use of continuous arteriovenous hemodiafiltration in multiple organ failure patients	
H.H. Vincent & M.C. Vos	109
Supply dependency of oxygen uptake during endotoxin insult and volume resuscitation	.07
V. D'Orio, M. Fatemi, P. Mendes, P. Carlier & R. Marcelle	117
Involvement of oxygen radicals and blood cells in the pathogenesis of ARDS by endotoxin and hyperoxia	,
B.S. van Asbeck	127
D.S. Yali Asock	

Acute epiglottitis: a model	120
D. Mulholland & D. Thompson	139
Possible role of nitric oxide in refractory hypotension associated with sepsis and endotoxaemia and with	
multiple organ failure J.R. Parratt & JC. Stoclet	143
Blood lactate variations during cardiac surgery	143
M. Rossi, F. Cavaliere, C. Monaco, M. Sciarra, R. Zamparelli, G.F. Possati & R. Schiavello	151
Transfer of ^{99m} Tc-DTPA, lung surfactant and lung injury: a review of the literature	101
P. Wollmer	155
Consequences of very severe hypoxia	
J.B. West	161
New thoughts on pulmonary edema	
J.B. West	165
Pancreatic failure in relation to trauma and sepsis in intensive care patients	
M. Lamy, G. Deby-Dupont, P. Damas, M.E. Faymonville & C. Franssen	169
Interactions between neutrophils and endothelial cells mediate lung vascular injury	
M.A. Fisher & A.B. Malik	175
International conference calendar	191
Vol. 4, No. 3:	
Education National	
Editor's Note	v
Thrombolytic therapy: recent advances. Treatment of myocardial infarction	
W.R. Bell	193
Pulmonary vascular remodelling in pulmonary hypertension	175
D. Heath	205
Adjustment of cardiac output to step exercise in heart transplant recipients	200
M. Meyer, C. Marconi, B. Grassi, M. Rieu, P. Cerretelli & C. Cabrol	213
A predictive system for rapid confirmation or exclusion of acute myocardial infarction	
P.O. Collinson, H.A. Chandler, S.G. Ball & E.M. Ramhamadamy	225
A review of adrenergic agonist drugs in cardiopulmonary resuscitation	
C.G. Brown	229
The role of respiratory muscle dysfunction in acute respiratory failure	
M.J. Tobin & J.M. Walsh	235
Management of lactic acidosis in critically ill patients	
D.J. Cooper	245
Effect of endotoxin insult on critical closure in the canine pulmonary vasculature	
V. D'Orio, M. Fatemi, P. Mendes, G. Saad & R. Marcelle	253
International conference calendar	262
V-1 4 V- 4	
Vol. 4, No. 4:	
Editorial	v
Lung transplantation: state of the art	٧
T.J. Kirby & A. Metha	263
Functional residual capacity during application of expiratory positive airway pressure in healthy adults and	
in notionte with chemic beneathing	

	333
E. Frischknecht Christensen, P. Schultz & R. Dahl	273
Weaning from mechanical ventilation	
M.J. Tobin, A. Jubran & M. Mathru	279
Intravascular oxygenation: adjunct in acute respiratory failure	
T.J. Kirby & H. Weidemann	287
Non-invasive monitoring during ventricular fibrillation	
C.G. Brown & R. Dzwonczyk	293
Use of electrocardiographic morphology to detect changes in left ventricular stroke volume in the dog	
M.R. Pinsky, C. Schertz & H. Kunig	301
Clinical and echocardiographic features of severe congestive heart failure according to different	
pathogenetic mechanism	
P. Faggiano, C. Rusconi, G. Gizzoni, T. Sabatini, A. Sorgato & U. Simoncelli	309
Alterations of biochemical and physiochemical quantities of pulmonary lavages attending halothane and penthrane treatment in rats	
Z. Lalchev, Y. Christova, R. Todorov, V. Alexandrov, P. Stoichev & R. Petkov	315
Keyword index volume 4	323
Index of authors volume 4	325
Instructions to authors	326
Volume contents	331